

The Tech.

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MIT, CAMBRIDGE, MASSACHUSETTS

FIVE CENTS



The extensive bolt-cutter collection of the MIT Campus Patrol, pictured here in the office of Captain Olivieri; some of the handles are up to a foot and a half long. Also shown are some of the

thick chains and heavy locks which persistent thieves have been able to cut through. There's only one good way to protect your bicycle, said Olivieri: "Don't buy more bike than you need."

MIT bike theft on increase

By P.E. Schindler, Jr.

"There is only one good way to keep your bicycle from being stolen," said Captain James Olivieri of the MIT Campus Patrol, and even that isn't foolproof. "But you can protect yourself by not buying more bicycle than you need."

This was the first of several unusual facts revealed by the captain, who on the same afternoon showed *The Tech* his collection of bolt cutters and snipped chains: "There is no lock

and chain which a persistent bike thief cannot get through," said Olivieri, and he demonstrated his point with several severed 1/2 inch chains which he keeps in a closet near his desk for demonstration purposes. He pointed out that the campus patrol has been recommending sturdy locks and 1/2 inch chain for some years now, but "there is a limit" on how large a chain a student should reasonably be expected to carry.

"The nature of our bike

thieves has changed," he added. "Previously, the rule was a juvenile, out for a joy ride or an occasional quick sale. Now, we get professionals who cruise by in vans, pick a likely-looking bicycle, and steal it. They can really take any bike they want."

Is parking in a highly visible area any kind of protection? "Not really. As a matter of fact, the bike racks by the Student Center at 84 Massachusetts are the worst area around the Institute for bike thefts. This is true in general of heavily trafficked, very visible areas in other locations too, like that by Walker Memorial. The problem is that, although we can see the thief from a distance, he can also see us, and he has his eyes open for any approaching policeman."

What should a student do if he sees someone stealing his bike, or someone else's? "If it is (Please turn to page 2)

Introspection precedes Wiesner's inauguration

By Lee Giguere

A ten-day "celebration," focusing on "self-assessment and self-projection" will precede President Jerome Wiesner's formal Inauguration as President of MIT on Thursday, October 7.

In accord with Wiesner's wishes, the Inauguration will avoid pageantry: the ceremony itself will consist of the presentation of a copy of MIT's charter to Wiesner by Corporation Chairman Howard Johnson, but there will be no academic procession.

Following his inauguration, Wiesner will address the community; remarks by James Killian, Chairman Emeritus of the Corporation, are also planned.

Events

Seminars, panels, colloquia, and special exhibits and performances will comprise the spectrum of activities labeled as Inaugural Events. According to Prof. of Electrical Engineering Peter Elias, chairman of the Inaugural Events Committee, the "defining principle" used by the committee in choosing discussion topics for the panels is to accept only areas where MIT has already begun working, and which are likely to grow in importance in the next few years.

The period will be "internally-directed," Elias said, with no plans to invite a large number of "outside experts." Instead, most of the panels will be formed out of people "who already have

some formal liaison with MIT." Elias contrasted the planned Inaugural Events period with the Agenda Days of two and a half years ago by saying that the committee's hope was not simply to raise issues, "but rather to examine what's already being done."

Scheduling

The decision to spread the events over a ten-day period, Elias explained, was based on the feeling that if everything were to be scheduled for one day, many people wouldn't be able to attend all the panels they wished, since there would of necessity be multiple scheduling. No classes will be cancelled for any of the events except the Inauguration Ceremony, however.

The Inaugural Events Committee is sponsoring a number of panels during the period, focusing attention on MIT's research and educational roles. Besides sponsoring events itself, the committee is encouraging departments to sponsor more technical seminars. Elias pointed out that any group may have its regular meeting labeled an Inaugural Event if the agenda for the meeting focuses on where the group is going in the near future. In many cases, the scheduling of the panels remains tentative, as well as their membership and exact topics.

'MIT 1861 - 1916'

"Retrospect: MIT 1861-1916," an exhibit which (Please turn to page 7)

Sudden rent jump spurs Northgate protest, talks

By Robert Fourer

Sudden large rent increases and unexpected legal moves have sparked a clash between the MIT-operated Northgate Community Corporation and its Cambridge tenants.

Rent became an issue soon after the Cambridge rent control administrator ruled, in late July, that Northgate housing units reserved for MIT-affiliated people were exempt from the city's rent control statute. Less than a week later residents received notice of increases averaging one-third above the then controlled rates, which were equal to those in effect in September, 1969.

Not long thereafter all increases were set back three months by the rent freeze. Then, in late August, certain residents received letters requiring that they sign new leases within a few days, or have their apartments rented to others. These leases, moreover, contained a new provision conditioning renewal of the lease on the lessee's continued affiliation with MIT. Had the units remained rent-controlled such forced alteration would have been illegal.

In response, a Northgate tenants' union sought legal advice and distributed information sheets to Northgate tenants. They advised all tenants not to sign the lease, because the rent control administrator's decision might still be challenged in court, and because they feared the forced distinction between "affiliates" and "non-affiliates" marked an attempt to "destroy the solidarity of Northgate tenants."

Non-signers have received no eviction notices to date, however, while tempers appear to have cooled. Northgate has accepted non-signers as tenants at will - September rent checks have been cashed, not returned - and now that school has

started it has an interest in keeping tenants where they are in order to maintain its low 1% vacancy rate. Evictions seem unlikely.

Meanwhile, the freeze has provided several months' breathing space. With the rent increase an impossibility till at least mid-November, tenant and corporation representatives have been meeting informally, and more intensive talks aimed at a reconciliation of differences are planned beginning next week.

Three interrelated issues will form the basis of discussions:

First is the rent control exemption which, according to tenants' council chairman Ron Searls, decontrols any apartment which is or has been occupied by an MIT-affiliated person. It is based on a clause of the rent control exempting "any hospital, convent, asylum, public institution or college or school dormitory operated exclusively for charitable or educational purposes."

The administrator's reasoning is stretched, to be sure. Northgate is a non-profit corporation whose board of directors is composed of high-ranking MIT officials. "It has no direct connection with the Institute, though it owes money on Institute loans made when it was set up. Only 350 of its 470 units are occupied by MIT affiliates; it collects rent monthly instead of semesterially, assigns units as apartments and not dorm rooms, and requires leases for twelve-month periods (the standard dorm contract creates no tenancy). The presence of non-MIT residents casts doubt on the claim of operation "exclusively for educational purposes."

Besides the legal questions - which are still up in the air - Northgate has two reasons for wanting its units off rent control (Please turn to page 6)

New dean starts as Student Center head

By Debra Deutsch

"The Student Center should be as open and accessible and as easily used as possible," says Jon Hartshorne, the new Assistant to the Dean of Student Affairs. "It runs itself. I'm just a helping resource."

Besides being in charge of the Student Center, the newly-appointed administrator also handles the schedule for Kresge, is a freshman and undesignated sophomore advisor, and plans programs and extracurricular activities for the Student Center.

A graduate of Yale Divinity School, Hartshorne once spent a summer as a minister in Colorado. Trying for a job in Africa, he ended up teaching English and coaching basketball in Jordan. From there he went on to become a foreign student advisor at Texas Tech. He finally found himself in Boston. "I wanted to get a job working with the street people, but I had no background." It was at this point that Jon Hartshorne contacted MIT and found his present job.

"I was generally snowed when I first came to MIT. Right now I'm just trying to get familiar," he noted, adding that he has not yet found something he believes needed changing. Hartshorne finds the people intelligent and warm, once you get to know them. "Some people are really concerned... the MIT community is very human."

While no problems have cropped up so far, Hartshorne is keeping an eye on Kresge. "There isn't enough space there. The scheduling is rough; you just have to keep finessing it. Kresge is the nicest theater in Cambridge, and outside groups want to use it, too."



Bike theft climbs with cost

(Continued from page 1)

his own, he can rush the thief, and the chances are that he will get brushed, but the thief will run away. We have had several cases in which a robbery has been stopped in progress, and the owner has held the thief, calling out to passers-by to get the Campus Patrol. We have not, to my knowledge, ever had an assault in connection with a robbery. If it is not yours, note the license plate of any associated auto, and get a description of the people involved. Call the Campus Patrol as quickly as possible; we have often been able to apprehend people who attempt several thefts on campus during the same day."

Are more bikes being stolen now than in the recent past? "The numbers tell the story. 164 were stolen last year, with a few more than 100 the year before, a few less than 100 the year before that. And we're recovering fewer."

Can a student protect his bike by parking it inside? "Officially no, as there is Institute policy against letting bikes into the buildings. In point of fact, as these thefts have increased, we have relaxed our enforcement, and now we remove only bikes which obstruct passage, or are left in a position where they endanger public safety. We will usually remove a bike if there is a specific complaint from faculty or students."

Is there any kind of effective lock and chain for a bike parked outdoors? "There is a new lock out which we are recommending, being sold for about \$10 at the Bicycle Exchange, on Bow Street near Harvard Square.

Due to its design and construction, it is very difficult to break. Case-hardened chain is most effective, but there is almost no practical chain which cannot be clipped. With this lock, and a short length of chain, the thief might be discouraged by the great length of time necessary to get your bike. Again, if they want it, they'll get it. So don't buy more bike than you need."

How about these boltcutters: are they easy to purchase? Can't people carrying them be stopped? "It's not all that easy to spot a person carrying bolt cutters. All except the very largest can be hidden rather easily in a book bag. And, even if an officer suspects a person of intent to steal a bike, all he can really do is either wait for the thief to make an attempt, or confiscate the cutters and ask the person to leave the property. These boltcutters are, by the way, childishly simple to obtain. They are sold in almost every hardware store along Massachusetts Avenue, and can be gotten for about \$15 in most places."

What plans are being made to improve the theft prevention system at MIT? "There is currently a big push being made to

provide more inside parking space for bicycles. The Planning Office is co-operating with us at this time, and has already set aside an area inside the Building 13 basement. They are also looking very seriously for some inside basement locations at those dormitories which are being hit hardest by bike thieves. There is one outside location that I hope we will see some action on this year; it's the parking lot-baggage area between Buildings 3 and 5. Currently there are small, ineffectual grass plots there, which would make good bike parking areas. The courtyard is enclosed, and almost nothing upsets a bike thief more than being boxed in."

Are there any other potential theft prevention mechanisms being considered? "This office is looking for some method of distinctly marking MIT bicycles. The idea we have in mind is some kind of metal stamp with which the initials "MIT" could be stamped in bike frames. Possibly the area so marked could be painted with some kind of fluorescent paint, to make it more easily identifiable from a distance. The problem so far is that we have not yet been able

to come up with an easy-to-use stamp that does not ruin the bike frame. Hopefully, people will see this and give us some assistance. It might just reduce the number of bike thefts around here, if it works."

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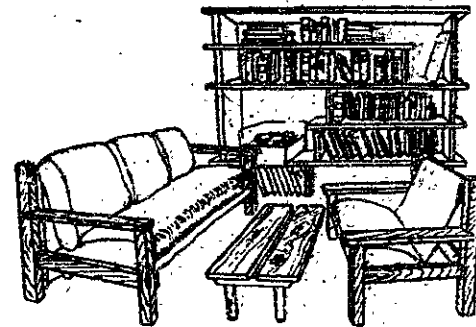
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MIT's U.S.D.A. campus representative is Alex Makowski. Contact him at x1541 or 267-2180 for more information, or get in touch with him for a part-time job selling U.S.D.A. memberships.

'2900 TDM' is theme of tuition riot

By Bradley Nash

The night air around the Great Hall was heavy with a tension born of years of oppression. An ugly mob was gathering, a mob composed of normal, placid tools who had, for this night, put aside their slide rules and joined the swelling ranks of their compatriots. Their faces wore masks of disgust, and even attempts at civility — but most of all, determination.

Suddenly, the music that had been blaring from the roof of East Campus stopped. There was a uneasy silence that begged to be filled — with action. Abruptly, the long-awaited cry pierced the still air: "Twenty-nine hundred is Too Damn Much!"

The chant, and variations upon it, propagated like an uncontrolled chain reaction. Tension joined the clamorous cacophony as the coiling masses, like some monster worm, marched through the main hall to swarm over the Great Dome.

Thus began MIT's Sixth Biennial Tuition Riot, whose "spontaneous" inception had been announced by engraved invitations throughout the Institute for several days before.

From the top of the Dome,



Rampaging students surge back onto Mass Ave. to block traffic as the light turns red again. From here they stormed McCormick.

Photo by Sheldon Lowenthal

the rioters proceeded to the main entrance (77 Mass. Ave.) and blocked the midnight-hour traffic rather lackadaisically for fifteen minutes. From there, the already-thinning mob stormed McCormick, climbing the stairs of the East Tower to the top and running rampant through the halls until the pointlessness of the tactic became apparent. A small splinter group then marched on Burton House, but it was clear that the Sixty Biennial Tuition Riot was over.

Reached in his office the following morning, President Wiesner responded to the question, "Do you plan to let last night's violence in any way influence the present or future policy of the Institute?"

"I share students' concern for rising tuition, of course," Wiesner said. "I'll continue to try to find alternate ways of financing the rising cost of education."

Dr. Wiesner had no further comment.

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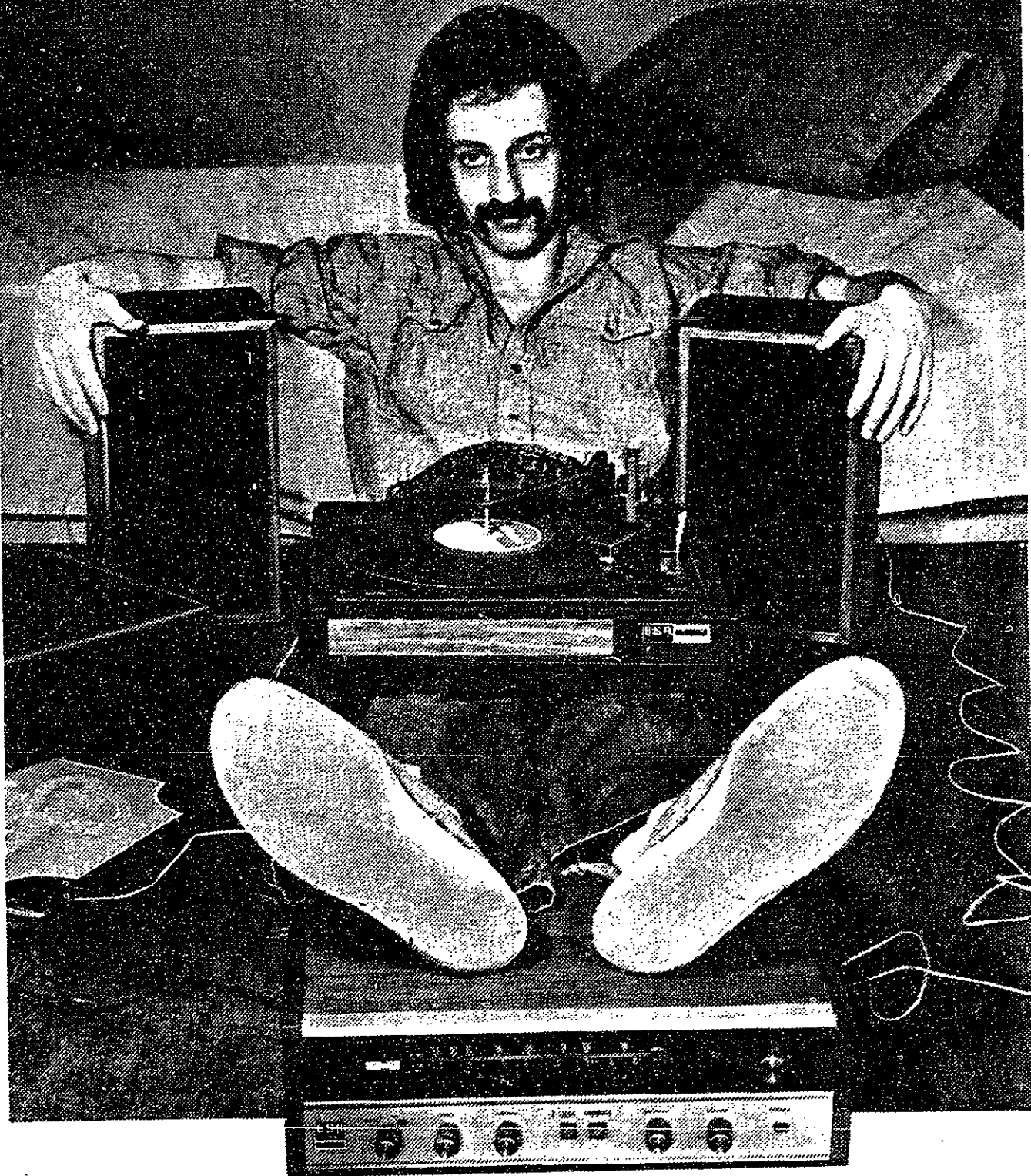
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THE TECH

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Bruce Weinberg, Chairman
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NOTES

* USSP is still accepting interested freshmen and sophomores for this term's program. Interested people should contact the office, 20C-105, x5383.

* Lost: big red Irish setter female, "Colleen", wearing bell, on campus. Please call 491-8184 if you have info.

* Anyone interested in an introductory course on African politics that would meet from one to three on Wednesdays, please contact Prof. Willard Johnson, E53-429, x2952.

* Free Draft Counseling for all is available through MIT Hillel, 312 Memorial Drive, x2982. Call 10 am to 5 pm and come in.

* The Political Science Department will offer a course on Congress and Policy for Science and Technology, 17.42. The course, taught by ex-Congressman Daddario, will meet Mondays, 1-3 pm, in E53-216.

* Registration for English Conversation Classes for Foreign Wives at MIT will be held on Thursday, September 23 from 10 am to 12 noon in the Emma Rogers Room (10-340). Classes will be available at all levels of ability. Child care will be provided for pre-school children. If you have questions, call Mrs. Reintjes (484-3595) or Mrs. Meissner (729-5323).

* The MIT Chess Club will sponsor a simultaneous exhibition on Saturday, September 18 at 1:30 pm in Room 407 of the Student Center.

* The MIT Jazz Band will hold auditions for the coming year on Sunday, September 19, from 5 pm to 7:30, in Kresge Rehearsal Room A. Old members are asked to attend a meeting at 6:30.

* Anyone interested in auditioning for the MIT Logarithms should report to the 4th floor lobby of the Student Center at 4 pm Sunday. Questions may be addressed to John Scalea, 450 Memorial Drive, 547-0312.

* The MIT wrestling teams will have a rally on Monday, September 20 at 5:20 pm in the DuPont Wrestling Room. Experienced grapplers and other interested students are invited to attend. NOTE: a working knowledge of wrestling fundamentals vastly increases your shower-fighting ability.

* Lacrosse: first meeting of all students interested in playing lacrosse will be held today in DuPont Athletic Center lobby at 5 pm.

* 11.901, City Planning Research: Health Services Project Planning Laboratory, offered by MIT Department of Urban Studies and Harvard-MIT School of Health Sciences, will meet Thursday 3-5 pm in 9-355. For information call Professor Eliot G. Michener 232-2690. The Laboratory will focus on problems in health planning and health care delivery.

* The introductory meeting of the Staff & Key Society, originally planned for September 20, has been rescheduled for Monday, September 27, 8 pm, at the First Baptist Church, 90 Mt. Vernon Street, in the heart of Winchester Center. Plans and production schedules for the forthcoming Gilbert & Sullivan production (most likely Yeoman of the Guard or The Mikado) will be discussed.

* Students interested in sitting on the committee which is organizing the MIT Lecture Series on World Peace are encouraged to call x7170 and leave their names and telephone numbers, or call Tom Hiatt at 876-8712 evenings.

VOTE

To register to vote:

Cambridge: register at Election Commission, 3rd floor, 362 Green St. (police headquarters bldg., Central Sq.), from 8:30 to 4:30 Monday through Friday. Bring proof of residence since May 2, 1971 (lease, listing in old phone book, letter from landlord, utilities bill). Pending court ruling you must also demonstrate self-support (bring a paycheck), and intent to remain in the city after your studies are completed. For evening hours and information call 876-9828.

Boston: register at City Hall (Gov't Center) or neighborhood locations to be announced. Proof of residence (details same as Cambridge) and statement of intent to remain in city indefinitely are only requirements.

Nixonomic lemonade blues

By M. I. Kalbert

Tuesday, the Lockheed Aircraft Corporation received the government's second annual award for the most efficiently managed company in the nation. Last year's award went to the Penn Central Transportation Company. Lockheed's prize was a cash grant of \$250,000,000 awarded by the Emergency Loan Guarantee Board. Administration spokesmen, testifying in favor of the special legislation required to provide the cash prize, asserted that Lockheed's survival was vital to the national defense effort and, in addition, maintained that the collapse of Lockheed, coming a year after the Penn Central debacle, would be disastrous for the US economy.

I was full of gladness and joy as I cogitated upon the wisdom of those leaders who were put in office by my vote and kept there by my money who had foreseen the dangers inherent in the potential Lockheed bankruptcy and had provided for the loan of a few paltry hundred million dollars to keep the company afloat.

Then on my way to school yesterday, I met my friend L. O. (short for Lack Of) Heed. Lack Of is the proprietor of one of the numerous concession stands in front of the entrance to the university.

"How's Take No and Pay No (his wife and son)?" I inquired.

"OK. But business is off these days."

"Oh? That's a shame. What happened?"

"Well, that's a deep subject. I tried expanding the product line from just lemonade in the summer and apple cider in the winter to orangeade and sangria."

"That sounds like an astute move — diversification-wise. People might want to shift from the lemonade sector to the orangeade sector, tastebudwise."

"Yeah. That's what I thought too. It didn't work and I incurred minor losses last year."

"How minor?"

"Oh, 20,000,000 or so."

"Hm. That sounds fairly disastrous if you ask me."

"I didn't ask, but never fear, lemonade will always be here. I've got it all worked out. If my game plan works I'll be set for life."

"What's your game plan?"

"The government simply can't let me go out of business."

"Why not?"

"The continued operation of my lemonade stand is essential to the future security of America. In fact, the closing of my stand would result in irreparable damage to the nation's defense. If I went under, the economic shock waves would reverberate far and wide."

"Really?"

"Yes. I didn't think you realized how vital I am to the very existence of this nation. You see, for years the students, faculty (former students), and staff, have been drinking lemonade at my stand. If it hadn't been for my lemonade stand — why, why the alternative is unthinkable. The last three wars we have fought might have ended differently. You know that this university contributes greatly to the

nation's security. The ideas for new weapons that have come out of this place have revolutionized modern warfare. But, if the geniuses didn't have lemonade to quench their thirst on hot days and hot apple cider to warm their brains on cold days, we might be speaking German, or Japanese, or Russian right now. The students wouldn't be able to study, the administrators wouldn't be able to administer, the professors wouldn't be able to profess, the typists wouldn't be able to type, the maintenance men wouldn't be able to maintain, the whole place would fall apart in a matter of days. Yes, this university is vital to the national security and I am absolutely essential to the continued operation of this university."

"That's very interesting."

"It sure is."

"But how is all this going to help?"

"I plan to ask for a small one-time, never to be renewed loan from the government's Emergency Loan Guarantee Board. That should help me through the current difficulties and put me in a competitive position for all time to come. I just have to clear this hurdle and my lemonade will sell so well that I'll never need help again."

"How did you get into your current predicament, Lack Of?"

"The price of lemons kept rising. Two new vendors moved in across the street with an improved type of lemonade and offered much bigger cups. So, I countered by having a firm in England design a high speed lemonade stirrer for me that would produce even better lemonade than my competitors."

"That sounds like a great idea."

"It was."

"What do you mean, it was?"

"The company making the new stirrer had design problems and their model turned out to be a real lemon. They went bankrupt, so I'm left sitting high and dry without a new stirrer and still selling low grade lemonade. I'll have to wait at least a year for a new stirrer like the one the guys across the street have."

"That's too bad."

"It sure is. Because in a year, Bing Bong and Connell McDouglas — my erstwhile competitors — will have cornered the whole market."

"But how will your going bankrupt affect the entire US economy?"

"It's like this, I have diversified my sources of supply to the extent that there are 30,000 subcontractors working for me. These 30,000 subcontractors employ over 100,000 people. If I go out of business, that might put 100,000 people out of work, 400,000 little kiddies might

be starving in the streets, no roof over their heads, no clothes to wear, nothing."

"That's enough to make a grown man cry," said I, wiping the tears from my eyes. "Wait a second, how can you possibly have 30,000 subcontractors?"

"Let me make one thing perfectly clear. I use 300,000 paper cups, 300,000 lemons, and 3,000 pounds of sugar every year."

"That's a lot of lemons. But I still can't see why you have 30,000 subcontractors. Why not buy everything at one place?"

"This way, if someone goes out of business, I won't lose my sole source of supply."

"Just doing some rough calculations, I figure that you buy 10 paper cups, 10 lemons, and a tenth of a pound of sugar from each of 30,000 stores."

"You're a little too smart for your own health."

"I bet there aren't 30,000 grocery stores in all of Boston."

"Right again. As a matter of fact, I have to fly as far as Hawaii and Miami Beach several times a year to find the last few stores. How do you think I managed to lose \$20,000,000 last year?"

"Exactly how are you going to provide collateral for a multi-million dollar loan?"

"What do you mean by collateral?"

"If by some remote chance you don't sell enough lemonade to make several million dollars annually, how will the government get its money back?"

"That's easy. I'll promise on my honor to pay back the loan. Would I tell a lie? If not they can surely sell the lemonade stand and my supply of cups and lemons for some money."

"But do you think it's worth \$100,000,000?"

"Well, it's worth \$100,000,000 give or take a hundred million. Besides, what's money between friends?"

"It looks to me like your company may require a change of management in order to put it back in the black."

"If I have to resign in order to get the loan, so be it. My son Pay No is ready and willing to take over."

"I can't believe anyone would fall for this ridiculous argument."

"Neither could I, but this guy called up from Washington yesterday to say that they were very concerned about my problems and that they would send a special check of \$100,000,000 to tide me over."

"I don't believe that either. What was the man's name?"

"Connally."

Inaugural events calendar

Thursday, September 30

- 2 pm Laboratory-based Mathematics. Education Research Center Seminar, Bush Room.
- 3 pm Lecture-demonstration of Project PEPR. Laboratory of Nuclear Science, 4th Floor, 575 Tech Square.

Friday, October 1

- 9 am to 5 pm Artistic Potential for the Charles River, a visual presentation by the fellows of the Center for Advanced Visual Studies, at the Center.
- 5 pm to 6 pm Reception for the MIT Community, President Wiesner and Chancellor Gray, honored guests. Great Court (in case of bad weather, duPont Gymnasium).

Monday, October 4

- 9 am to 5 pm Artistic Potential for the Charles River
- 2:30 pm to 4:30 pm The Evaluation Problem, Education Research Center, Bush Room.

Tuesday, October 5

- 9 am to 5 pm Artistic Potential for the Charles River.
- 12 noon Noonhour Concert, Cambridge Symphonic Brass Ensemble. Erector Set, Building 7 Lobby.
- 1 pm Undergraduate Research Opportunities Program, 9-150.
- 8:30 pm The Dance Company of the National Center of Afro-

American Artists. Kresge. (tickets)

Wednesday, October 6

- 2 pm Rogers Committee Report, 9-150.
- 8:30 pm Inaugural Concert, MIT Symphony, Glee Club, Choral Society. Kresge. (tickets)

Thursday, October 7

- 10 am Panel on Research, Provost Walter Rosenblith, chairman. Kresge.
- 2 pm Panel on Education, Chancellor Paul Gray, chairman. Kresge.
- 4:30 pm Inaugural Ceremony, Chairman of the Corporation Howard W. Johnson, presiding. Rockwell Cage. (tickets)

Planned Seminars

- Research:
 - Future modes of transportation; Charles Miller
 - International Aspects of Science and Technology; Everet Hagen
 - Power and Energy in the Future; E. Mason
 - Bio-Engineering; L. Young
 - Political and Social Control of Technology; Eugene Skolnikoff
- Education:
 - Women; Pam Whitman
 - The Modern World and its Educational Implications
- Laboratories: open houses and research topics talks

Letter to the Editor

To the Editor:

As a friendly and hopeful reader of The Tech, may I note for the record a correction to your September 10 news brief (p. 4) on the June 4 elections to the Corporation: The new category of Corporation membership is "Representatives from Recent Classes" (not of Recent Classes). There is an important and deliberate difference in the choice of prepositions.

Our newest Corporations are in no sense representatives of their classes. Their service is based upon the desire to include in the governance of MIT younger trustees who reflect recent student experience and perspectives and not specifically representatives of any particular, recent graduating class.

Sincerely,

V. A. Fulmer

Vice President and Secretary of the Institute

ARTS

film: Stockbroker

By Emanuel Goldman

Regardless of how good or bad a movie is, if it has a happy ending, one might at least naively expect not to leave the theatre massively depressed. Yet, the most depressing thing about *The Marriage of a Young Stockbroker* is precisely its happy ending. It is depressing because it is patently false, psychologically impossible. What an ironic way to come to apprehend the futility of a situation.

Bill and Lisa are breaking up. Bill is a voyeur, in his own words, as "a part time hobby." His voyeurism is a generally apt metaphor and symptom of his entire personality. As he puts it, "Whatever I've decided to do, I usually wind up wishing I'd done something else." He is consistently unable to make things happen by direct action. Interior monologue tells us what he really wants to do — whether make love to his wife, or say something honest to a girl who had picked him up — but when it comes down to it, he cops out.

recordings: The unknown solos

By Jay Pollack

So much attention has been given the most popular of the solo singer/songwriters — Neil Young, James Taylor, Carole King, Cat Stevens, Elton John and a few others — that some really fine artists have been overlooked. The four reviewed here have been around for a while, and have received some varying degrees of recognition. They have a few things in common: their public appearances are rare; they have few connections to the current crowd of rock stars; their material is often esoteric enough to preclude radio play; and they are all rather underexposed, really.

Ron Nagle has been the star of a whole bunch of anonymous groups in California since way back. Now with the help of his friend Jack Nitzsche, and a few others, he has put out his first album, *Bad Rice* (Warner Brothers). On the instrumental side, it features such people as Mickey Waller and Ry Cooder. But the arrangements are of secondary concern, sometimes getting in the way of the words (thankfully printed on the jacket) which are the real value of the album. Nagle talks of divorce, dream girls, mystics and other assorted human peculiarities, everything flavored with a cynicism that makes it sound genuinely sad because it is all sung with such sincerity. The whole thing is a little obscure but it does grow on you after a while. In the meantime, some of it is great rock and roll.

Jimmy Webb has been fairly well known for a few years already as a writer and producer. He has been responsible for "By The Time I Get To Phoenix," "MacArthur Park," "Wichita Lineman," "Up, Up, and Away" and quite a few other songs and albums. Lately he has recorded two records of his own on Reprise. His latest, *And So On*, features some of the big arrangements he has been famous for. He has an uncanny knack for arranging — some of the instrumentation is bizarre, but it is never out of place and it always

creates the proper mood. Some of the best backups are for the softer songs, which are extremely powerful yet still delicate. He has always been able to get his ideas across with a minimum of wasted words and to use the production to strengthen the tone of the song. He does it well here.

Louden Wainwright III (who has two albums out on Atlantic) writes with startling simplicity. His songs are sharp, sharp comments, though. He specializes in a sort of black humor, his deeply sarcastic songs sung with such deadpan straightness or, alternately, a careless air to them, that will stick to you for a while. He can be really comical — listen to his story of a kid getting his hair cut off in jail or his description of a plane — or really depressing, like in his rock 'n' roller's lament, "Motel Blues." His songs are powerful weapons. They can make the most normal things sound strange, haunting you after you've heard them. His guitar playing is at least good and his melodies and phrasing are fairly interesting. But the feeling is the most important part and he can certainly produce it. Both records are equally good (although the second one has a lighter atmosphere to it) and are well worth getting.

All in all, a fairly interesting premise — the relationship of Bill's voyeurism to the rest of his life — is subverted by the need to tie up all the loose ends, regardless of psychological credibility.

All three albums (*Randy Newman*, *12 Songs* and *Live*, all on Reprise) by Randy Newman have received nothing less than the highest praise from any

books: Beyond Racism

By Lee Giguere
BEYOND RACISM: BUILDING AN OPEN SOCIETY, by Whitney Young, Jr., McGraw-Hill.
(Ed. note — Whitney Young, Jr., once the only black member of the MIT Corporation, died of a heart attack last winter.)

Beyond Racism seems, in itself, a comment on our society. For 147 pages, it displays "the facts" about racism in America: "Black workers are disproportionately concentrated in the lowest-paying jobs; they hold one out of every four low-wage jobs," and "Black children actually fall farther behind the longer they stay in school." These are only two of the statements the late Whitney Young made in his well-documented description of America — written two years ago. Yet as he pointed out in the introduction to this new paperback edition: "The grim situation described in these pages has changed but little — and that for the worse."

The statistics and arguments Young presents in his first three chapters have now become cliches. For 147 rather dull pages, he explores the jungle of American racism, quoting statistic after statistic, and all the while it seems all of this has been said

again and again — because, of course, it has.

In contrast, Young's proposals for an "Open Society" as a solution to these problems sounds new and vital. While everyone has been looking at the same facts, few have shared in his vision for changing America. His major premise is that what the black ghetto wants (and needs) most is autonomy. America, he argues, must no longer treat its ghettos as colonies.

The "Open Society" must be one in which "each human being can flourish and develop to the maximum of his God-given potential; a society in which ethnic and cultural differences are not stifled for monotonous conformity; a pluralistic society, alive, creative, open to the marvel of self-discovery." Young asserts the importance of allowing each individual the right to develop to his full potential — even if this temporarily requires "allocating unequal resources to enable all Americans to compete on an equal basis."

To begin to alleviate the cruelties of ghetto life, Young postulates the necessity of local control: large powerful institutions, particularly government bodies and agencies, that have a major impact on the ghetto need to be decentralized. Harking back to what Alexis de Toqueville saw as the formation of American democracy over one hundred years ago, Young states: "Powers that have been usurped by central bureaucracies and independent agencies would now be exercised by the people themselves through their elected community councils." Economic development, education, and law enforcement, he continues, should be placed under the control of these local councils, with provisions for "uniform guidelines to prevent abuses."

"Economic security" also plays a major part in Young's proposals. In 1949, he writes, the late Senator Robert Taft

said: "I believe that the American people feel that with the high production of which we are no longer capable, there is enough left over to prevent extreme hardship and maintain a minimum standard floor under subsistence, education, medical care and housing, to give all a minimum standard of decent living and to all children a fair opportunity to get a start in life."

Young advocates increasing social security benefits while placing a heavier burden on those with high earnings to finance the program, raising the minimum wage, guaranteeing decent jobs to all who want to work, grants "as a matter of right," to every child in America and a negative income tax as the final step in his program to eliminate poverty in America. Additionally, he calls for a universal health plan "to provide a guaranteed minimum standard of health care," and programs to assure "a decent home for all families," along with the creation of 100 "New Towns" distant from existing population centers.

Racism, Young asserts, "is a disease — a major public health problem . . ." Parents must guard against its infecting their children. Businessmen, he asserts, must work to secure equal opportunities for blacks.

Whitney Young's call to rebuild American society is a radical program that incorporates a return to values — local control and autonomy — that were prominent in the early years of the American republic. While his diagnosis now seems stale and repetitious, Young's proposal to reconstruct this society is exciting. The building of an "Open Society" which would guarantee every individual the right to develop his potential and to control his own life envelops and even transcends the solution of the "racial problem" as a task for America.

BRIDGE

By Daniel Reinharth

The question for today is: does an aggressive style of bridge pay off?

In the appended hand North-South were permitted to bid leisurely to game in spades. However, were you sitting in West's seat would you have passed? There is no doubt that Aggressive Allie would have, without hesitation, bid three diamonds.

Sober Sammy, sitting North, would calmly bid three hearts, thereby putting the question to East. Should the latter opt for the better part of valor or further interfere with his opponent's bidding by risking a bid of five diamonds? You can guess what Jumping Jerry would have done.

The bid returns to South, who, holding eighteen high-card points, is astonished to find the bidding at the five-level after only one round. Still shell-shocked, Unpretentious Pete would double, leaving the final decision up to his partner but fulfilling what he considers to be his obligation.

Sober Sammy would conclude the auction by bidding five spades, but I am certain that all of you omniscient readers have realized that six spades makes easily.

Were East and West right in bidding their diamonds? Let's consider the possible results: (a)

They might have been left in five diamonds, a contract which goes down only one or two. Result — a sizeable profit. (b) They might have played five diamonds doubled. Result — a fair to good profit. (c) North or South might have bid five spades. Result — the same as the original auction, which terminated in four spades, but isn't it worthwhile to push your opponents higher than they need to be? (d) North-South might have reached six spades. Result — pretty bad.

And so, by sheer force of numbers, it appears that aggression is, in at least one case, the correct course to take. I must, however, temper this conclusion with one suggestion. Know your opponents! Are they passive, aggressive, or over-aggressive? Try to take everything into consideration before taking any action.

♠ Q J 7			
♥ A Q 10 9 3			
♦ 10			
♣ 8 7 4 3			
♠ 10 5 3		♠ 9	
♥ 4		♥ 8 7 6 5 2	
♦ K Q J 4 3		♦ 9 8 7 5 2	
♣ Q J 10 5		♣ A 6	
♠ A K 8 6 4 2			
♥ K J			
♦ A 6			
♣ K 9 2			
South	West	North	East
1 spade	pass	2 hearts	pass
2 spades	pass	3 spades	pass
4 spades	pass	pass	pass
neither vulnerable			



Mother Earth, featuring Tracy Nelson, will be appearing Friday and Saturday nights at 8 pm and 10:30 pm at the Aquarius Theatre on Washington Street. Admission, with a student ID, will be \$1.

MIT Sea Grant readies ocean symposium

By Storm Kauffman
"Working in the Ocean." a one-day symposium on recent ocean engineering developments, will be held Wednesday, September 22, in Kresge Auditorium. It is sponsored by MIT's Sea Grant Project Office.

At the symposium, ocean engineers from industry, government, and academic institutions will analyze ocean engineering problems and suggest pragmatic solutions. Organization, plan-

ning, adaptation of civil engineering techniques, floating and fixed platforms, divers, submersibles and other tools will be among the subjects covered.

One idea that will be stressed is that "working in the ocean" means not only just modifying land and aerospace techniques, but also developing an ocean engineering technology.

Sea Grant Project Office (SGPO) was established in 1968, when MIT received the first proj-

ect grant under the new national program. According to the SGPO pamphlet, goals for the program are immediate and include "using ocean resources more wisely, with greater regard for coastal ecology and the ways in which man changes it," with special concern for New England coastal and offshore areas. Work is being done to "understand the far-ranging impact that marine-related developments can have on the social, economic, and

political areas of man's endeavors now and in the future." A major consideration in all aspects of the program is the prevention or minimization of ecological damage.

Symposium program
The upcoming symposium will be limited to topics in ocean engineering. After registration in Kresge, the program will be opened at 9 am by introductory remarks by MIT's Dean of School of Engineering and SGPO Director, Dr. A. H. Keil, and by W. F. Searle, senior lecturer in ocean engineering. Following this will be a series of addresses accompanied by discussions.

Cdr. J. H. Boyd, Jr., USN, until recently the Officer-in-Charge of the Navy's Experimental Diving Unit, will speak on "Working with Divers," covering man's capabilities and the deepest working dive yet made. The discussion will be led by Asst. Prof. of Ocean Engineering D. E. Cummings.

"Working with Submersibles" will follow with R. F. Busby, Supervisory Oceanographer of Deep Ocean Surveys and director of Deep Vehicles branch of the National Oceanographic Office as principle speaker. J. N. Mavor, Safety Engineer in De-

(Please turn to page 7)

Northgate residents protest

(Continued from page 1)
trol, according to Dexter Kamilewicz of MIT's real estate office, who has served at times as a Northgate spokesman.

To begin with, rent control severely impedes all-MIT occupancy, a goal which has been hindered by unexpectedly low turnover rates. (Apparently, the recession has made tenants more cautious in moving, especially as Northgate compares favorably with most profit-making landlords.) Under rent control, a landlord must extend the lease of a tenant in a controlled apartment as long as the tenant is willing to continue signing it; furthermore the landlord may make no significant changes in the lease. The provision extends to addition of a requirement that the tenant remain affiliated.

In short, selective rejection of tenants upon their termination of affiliation with MIT would be more difficult under rent control.

In addition there are the administrative costs of getting rent control increases approved. These are passed on in the form of a second major problem — increased rents.

Northgate raised rents in September 1970, but they were temporarily rolled back to the previous year's levels the following January. The increases announced this summer cover two years of rising costs — for taxes (up 45%), insurance (25%), operations and fuel — as well as interest on a \$100,000 deficit accumulated while rents were frozen.

Under rent control, tenants would have had the right to a hearing before any increase. If their apartments remain decontrolled, they hope to work out privately a similar "model" review procedure with Northgate.

Officials profess a desire for openness in their operations, but their reactions to specific proposals remain to be seen next week.

Finally, there is the issue of non-affiliated residents. Northgate was established to provide less expensive housing for MIT people by eliminating the entrepreneurial landlord's profit margin, and its goal has been exclusive MIT occupancy. Mr. Kamilewicz claimed this aim was supported in surveys of prospective occupants, while tenants active in organizing cited exclusion of non-MIT roommates as a

major gripe.

Non-affiliates, some of whom have lived in the buildings as much as 20 years, are still protected by rent control provisions and the corporation will not admit to trying to persuade them to leave.

There is nothing in the way Northgate is set up that requires it to be affiliated with an educational institution, and its benefits could be opened to all. Nevertheless, officials insist that the objectives established when it was founded with MIT capital in 1966 are those they must seek to fulfill.

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A GREAT MOVIE GETS GREAT REVIEWS

Rolling Stone, Dan Bates, reprinted in its entirety.

FILMS

Johnny Got His Gun
directed by Dalton Trumbo
Bruce Campbell Productions

Devastating.

A corny word, I suppose, but it's the only one that can be judiciously applied to Dalton Trumbo's long-awaited film of his 1938 anti-war-novel-to-end-all-antiwar-novels.

Johnny Got His Gun. I'm glad to say, will undoubtedly prove to be one of 1971's most important film experiences. I'm glad to say it because, to tell the truth, I feared the worst. Novelists and writers in general generally make lousy directors. Abraham Lincoln Polonsky notwithstanding. So, when it was announced that Trumbo was filming his horror narrative of a World War I-produced basket case himself, I had premonitions of the worst. These premonitions grew when I heard that Trumbo was hiring big-name stars — Jason Robards, Donald Sutherland, Diane Varsi, Marsha Hunt — to play cam-

coroles. Luckily, my premonitions proved all false. The film isn't flawless — some of the fantasy sequences smack of Fellini, entirely wrong in this context, and although he does a good job, I had a hard time accepting Sutherland as Christ — but no amount of minor flaws can keep it from being a generally brilliant work.

The central character, Joe Bon-

ham, is played by newcomer Timothy Bottoms, who is an easily manipulated puppet for director Trumbo's tightly-held puppet strings; an actor who could do Joe on his own steam might be preferable, but, oddly, Bottoms' character isn't as important to the film's stream-of-consciousness flashback scenes as are some others.

Fortunately, some of these others are Robards as Joe's father, who has not been this strong since *Long Day's Journey Into Night* or last year's brilliant *Cable Hogue*.

I liked Trumbo's concept of a sweating Jesus who actually looks as if He'd been through forty days and forty nights of travail, and Sutherland, usually a hopelessly undisciplined and self-indulgent performer, is here tightly restrained and used to general good effect in the part. And I liked the way Trumbo used old-time Republic western star Don "Red" Barry in a minor part, and Charles McGraw as Joe's girl's rough-hewn father.

"Beautiful" is a word so often mis-used as to have virtually lost its utility, but I can't think of any other adjective to apply to Diane Varsi's performance as the nurse who comprehends Joe's legless, armless, eyeless, earless, noseless, mouthless, tongueless post-battle state and finally shows solitary compassion for him after Eduard Franz and all the others have virtually dismissed him as a hospital curiosity. The scene in which she finally manages to communicate with the invalid by spelling out "Merry Christmas" on his chest is truly touching.

But Trumbo refuses to let us off

the hook with an upbeat ending. Melvin Laird's spirit manifests itself in the general who ultimately decides against putting poor Joe out of his misery, as Joe requests through an unusual form of Morse code, and, instead, consigns him to the back-corridors oblivion of Classified Information. Anything else would be too simple and strictly against Army policy. The parallels are too numerous to name and, might I add, horrifying.

To be sure, this must be one of the most truly horrifying and grueling films ever made, and it is every bit to Trumbo's credit that this is so. This is the very type of cinematic horror to which we very much need to be exposed, under our current state of siege.

Johnny Got His Gun is not a pleasant film. Even the deceptive "Americana" of the flashback scenes is lent an extra dimension of horror through the "present" context within which the scenes are framed, i.e., the utter hopelessness of Joe's hospitalized state. There are moments of humor, but that framework again renders them wholly black. And black has rarely seemed so oddly healthy.

Trumbo could have taken the Sam Peckinpah route and rubbed our face in the grue. He has not, thankfully. Rather, he leaves much to the viewers' imaginations. We never really see Joe in the hospital bed. We are left to envision him in our minds. Which makes his state all the more unforgettable. Another master stroke on Trumbo's part, this, in a film of myriad master strokes.

—DAN BATES

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ntrospective to precede inaugural

(Continued from page 1)
explores the history of the Institute during its first fifty-five years, will open on the 27th. It is being prepared by Prof. Richard Douglas, head of the Department of Humanities. The focal points of the exhibit will be the Rogers period at the founding of MIT (known then as Boston Tech), and the Macauley administration, when MIT moved to its present location in Cambridge.
Representing each of these important periods in the exhibit are drawings and renderings done by the architects. A set of drawings by Jonathan and William G. Preston, on loan from the Boston Public Library, show the Rogers Building, where the Institute was then housed. In addition, MIT has just received two renderings, one in charcoal and one in pastels, of the Main Buildings and the Great Court, done by the architect, William Welles Bosworth. The renderings have been out of the country since 1936 in the possession of Bosworth's widow. Both the drawings and the renderings are expertly done and in good condition.

The exhibit will also include a number of photographs and prints from the MIT archives, which depict MIT in its early years. Along one wall in the corridor will be hung a facsimile of the front page of the *New York Times* of April 10, 1861 and front pages of the *Boston papers* of June 12 through 14, 1916. Among other things, the pictures show construction workers in white shirts and ties and students wearing bowlers.

'Visual Design'
Another major exhibit will be "Visual Design Experiments by Science and Engineering Students." Divided into six categories: Exploiting the Accidental; Experimental Processes; Materials, Tools and Techniques; Optical Phenomena; Light Color and Movement; and Electronic Data Processing, the exhibit is composed of 100 photographs by students. The MIT show was compiled from "Art and Technology," a show which has been touring England for two years. Professor of Visual Design Robert Preusser, who assembled the exhibit, said about the course: "Rather than perform with media and skills traditional

to the fine and applied arts, students explore the visual form possibilities inherent in their own specializations. Challenged in this way, engineering students employ industrial material tools and techniques whereas science majors capitalize on physical processes, natural forces and optical phenomena."
All Inaugural Events are open to the Institute community free

of charge. Tickets will be distributed for the Dance Company performance on Tuesday, the Inaugural Concert on Wednesday, and the Inaugural Ceremonies. Booths for free ticket distribution will be set up around MIT. In addition, there will be overflow television coverage of Thursday's events, with closed-circuit screens in the Student Center.

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Sea Grant

(Continued from page 6)
Department of Ocean Engineering at the Woods Hole Oceanographic Institution will lead discussion.
J. W. Greely of Kerr McGee Corp./Transworld/Marine Engineering, Design and Construction manager, is to lecture on fixed and mobile offshore drilling structures but is unlikely to go into ecological considerations. J. H. Evans, Prof. of Ocean Engineering, will lead the accompanying discussion.
The speaker during the lunch in the Sala de Puerto Rico will be Capt. J. W. Boller USN (Ret.) of the National Academy of Engineering. "Working Seaward" will be a broad look at what the future holds for ocean engineering.
W. G. Sherwood ALCOA/Ocean Search Inc. and ALCOA Seaprobe, will speak on "Working with Ship-type Seagoing Platforms for Ocean Engineering." Moderating the discussion will be Prof. of Ocean Engineering I. Dyer.
Major underwater construction in "Working Heavy Struc-

ture Underwater" will be the topic of E. D. Grandle of Raymond International, Inc. who has worked on the substructure of the Chesapeake Bay Bridge and the major open ocean sewer outfall at San Pedro, California. Senior research associate F. Davidson will direct the following discussion.
Robert Wildman from the National Sea Grant Office in Washington, Institute Professor Harold Edgerton, and Peter Eagleson, Head of the Department of Ocean Engineering, will summarize the symposium in "Comments on Ocean Technology."
Dean Horn, Executive Director of the SGPO, said that "As this is the first symposium organized and presented by our office, we have tried to make it as broad, interesting, and lively as possible. We have sufficient registration that Kresge Auditorium will be available and this will assure ample space for interested students." Mr. Horn's Assistant, Ms. Lucy Sloan, has requested that students who wish to attend obtain a registration form from SGPO in Room 3-282, x7041.

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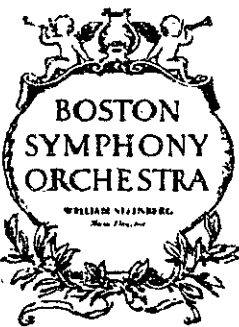
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Mariners set for fall season



By A. Habb

After a spring season shadowed by bad breaks and some inconsistent performances, MIT's men's varsity sailing team is looking forward to a successful fall campaign, and could figure to be the leading power in New England college yachting. Having lost only one senior, last year's team captain and A-division skipper Peter Nesbeda, the team's depth will not be greatly reduced, as last year's sophomores and freshmen move up to fill in.

Top contenders for Nesbeda's position as of this writing include juniors Al Spoon and Larry Bacow and sophomore Steve Cucchiaro, top skipper on last year's freshman team which narrowly missed winning the New England title. Tom Bergan '72, B-division skipper on the 70-71 squad, is another possibility, but latest reports listed his return as doubtful.

Other top competitors in practice have been Frank Miller '71, Sandy Warrick '72, Steve Shantzis '72, Bob Hart '72, John Lacey '72, and Frank Keil '73.

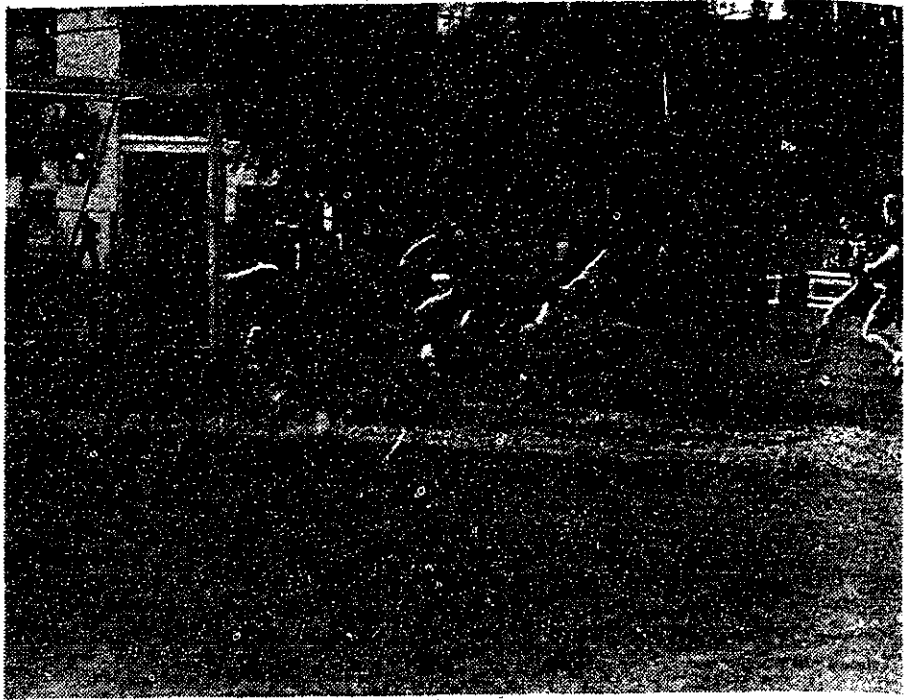
The season opens this weekend with a dinghy invitational at Tufts on Saturday, and three regattas on Sunday: a dinghy invitational at Boston University, and regattas in Mercurys and Shields at Maine Maritime Academy. Two more invitationals and the Danmark Trophy regatta round out the action for September. October will be highlighted by a number of trophy events, including the Jack Wood, the Oberg (Greater Boston championships), the White (New England sloop title), and the Fowle and Staake team racing regattas.

New England's top two teams of last year have suffered major setbacks. Harvard lost practically everyone through graduation, and the University of Rhode Island will be unable to field a squad due to financial difficulties. Although the Tech mariners lost Nesbeda, the team should be able to dominate the New England scene without too much trouble providing that everyone performs as expected.

Harvard will host the first freshman meet of the season, a dinghy invitational on Sunday.

Anyone interested in refereeing Intramural Football games should attend a clinic either Monday, September 20, or Thursday, September 23, at 7 pm in the Varsity Club Lounge in DuPont Athletic Center. IM referees will be paid \$3 per game. For further information call Ken Weisshaar or Steve Cochi at 261-3689 or x3782.

SPORTS



An unidentified MIT soccer player tallies Tech's only score in a 4-1 loss to Lowell in a scrimmage Wednesday. The varsity booters open their season on Saturday, September 25, at Holy Cross.

Photo By Sheldon Lowenthal

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Friday, September 17, 1971